Shyam Nehruji

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PROFESSIONAL SUMMARY

Full-Stack Engineer with **5+ years of experience building, deploying, and scaling backend services** using **Java, Spring Boot, ReactJS, and AWS**. Skilled in **REST API design, secure development practices, and cloud-native microservices architecture**. Strong expertise in **CI/CD pipelines, Infrastructure-as-Code (Terraform)**, and distributed systems with Docker/Kubernetes.

EXPERIENCE

Full-Stack Engineer | Rosterly   *Jul 2025 – Present*

- **Designed and implemented REST APIs in Golang and Spring Boot** for payroll provisioning workflows; built OAuth2 authentication and RBAC, reducing security vulnerabilities by **40%**.
- Created **ReactJS-based monitoring dashboards** improving real-time system observability, cutting MTTR by **25%**.
- Automated deployments using **Terraform (20+ modules)** and **GitHub Actions pipelines**, achieving **zero-downtime rollouts**.
- Optimized database queries in PostgreSQL, reducing API latency from **300ms to 90ms**.

Software Engineer – Backend & Cloud | LTI INFOTECH   *May 2022 – Aug 2023*

- Led development of a **Spring microservices platform** for order management and notifications, processing **1M+ API calls/day**.
- Implemented **gRPC for inter-service communication** and deployed on AWS EKS; achieved **99.99% uptime**.
- Created **IaC with Terraform** for full-stack infrastructure provisioning (VPC, EKS, RDS, CloudFront).

Full-Stack Engineer | LTIMINDTREE   *Mar2020 – Apr 2022*

- Developed **Spring Boot microservices** for HR and finance platforms, integrated with Kafka-based event processing pipelines.
- Implemented **API Gateways** for routing and resiliency, reducing downtime during releases by **50%**.
- Built internal tooling for debugging pipelines, cutting issue resolution time by **50%**.

TECHNICAL SKILLS

- **Backend & Infra:** Java, Spring Boot, Terraform, Kafka
- **Cloud & DevOps:** AWS (EKS, RDS, CloudFront), Docker, Kubernetes, GitHub Actions, Jenkins
- **Databases:** MySQL, MongoDB, Redis
- **Frontend:** ReactJS, Redux

PROJECTS

Lightning Deals Engine (Node.js, React)

- Built a **concurrency-safe flash sale system** with Node.js, Redis, and PostgreSQL, supporting atomic stock reservations and idempotent checkouts.
- Implemented **real-time updates** via WebSockets and background workers for reservation expiry.
- Deployed on **Render & Vercel** with CI/CD, metrics, and caching for scalable performance.

Ride Hailing & Dispatch System (Spring Boot, React)

- Engineered a **real-time ride matching platform** with Spring Boot microservices, PostGIS geospatial queries, and WebSocket trip tracking.
- Designed **trip lifecycle workflows** (request → accept → drop-off → payment) with scalable APIs.
- Built an **admin dashboard** for live fleet analytics, deployed on AWS ECS & RDS.

Notification & Event Delivery System (C#, Angular, AWS)

- Developed a **multi-channel messaging system** (Email, SMS, Push) with .NET Core, Kafka, and AWS SNS/SQS.
- Implemented **retry logic, DLQ, and pub/sub filtering** for reliable message delivery at scale.
- Built a **metrics dashboard** in Angular with AWS Lambda triggers, DynamoDB, and CI/CD pipelines.

EDUCATION

University of Dayton (GPA: 4.0/4.0)   *Aug 2023 – May 2025*
Master's in ComputerScience

Anna University (GPA: 8.2/10)   *Aug 2016 – May 2020*
Bachelors in Electronics & Communication